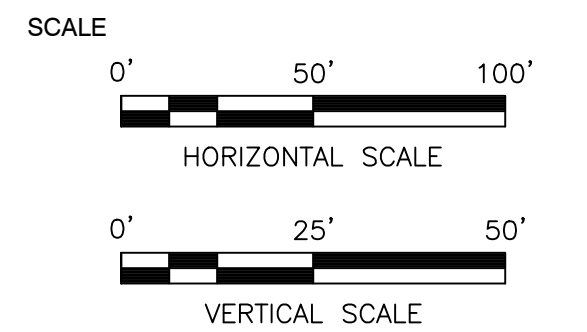


TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

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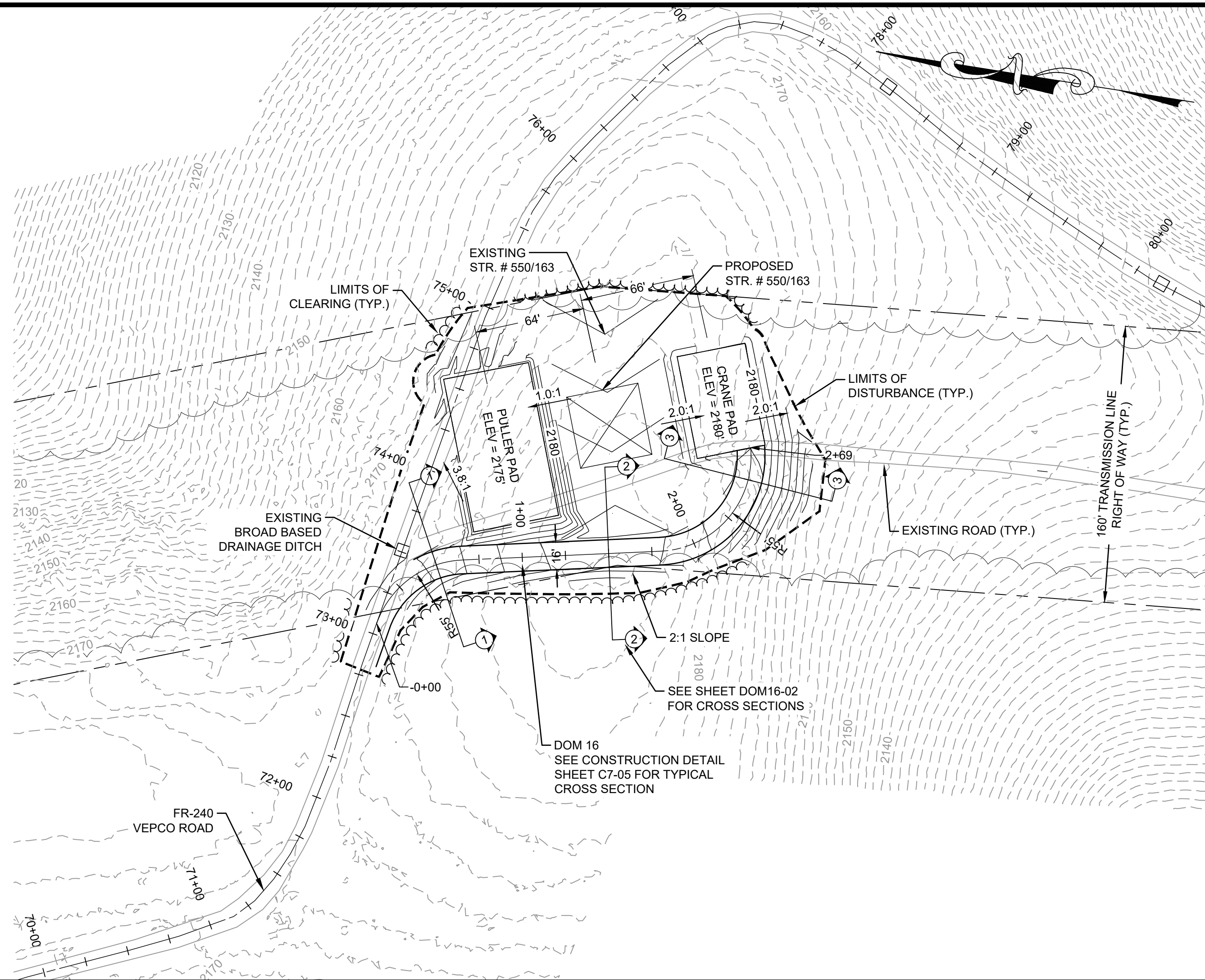
REVISIONS	
DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
TITLE	

DOM 16
PLAN & PROFILE

PROJECT NO. 50106442

DOM16-01

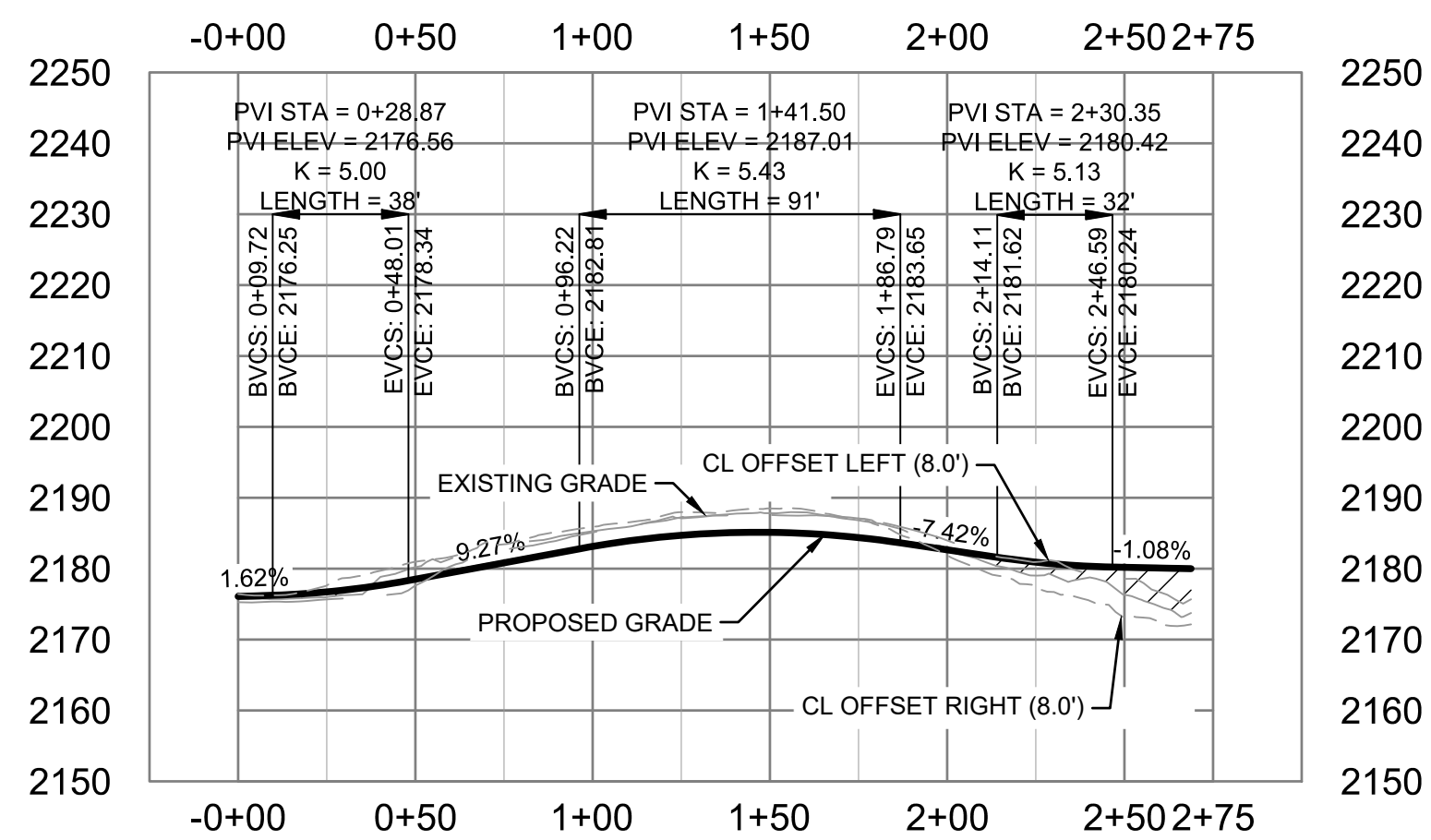
SHEET NO.



INSTALLATION PLAN

INSTALLATION PLAN NOTES

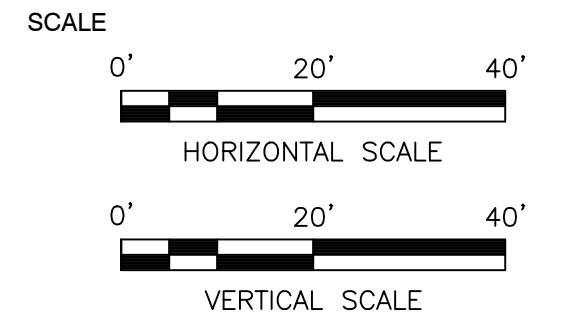
1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET DOM16-R1 FOR "RESTORATION PLAN."
2. SEE CROSS SECTION SHEET DOM16-02 FOR CORRESPONDING CROSS SECTIONS.
3. THE FREQUENCY OF CROSS SECTION SAMPLES VARIES BETWEEN 100FT AND 50FT SPACING; FREQUENCY IS INCREASED DEPENDING ON THE AMOUNT OF PROPOSED EARTHWORK AT EACH LOCATION.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
5. PROPOSED GRADING IS DESIGNED WITH 1:1 CUT SLOPES AND 1.5:1 FILL SLOPES UNLESS OTHERWISE NOTED.
6. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16 FT WIDTH.
7. EARTHWORK CALCULATIONS SHOWN ON RESTORATION PLAN.



TRANSMISSION LINE REBUILD
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GEORGE WASHINGTON NATIONAL FOREST
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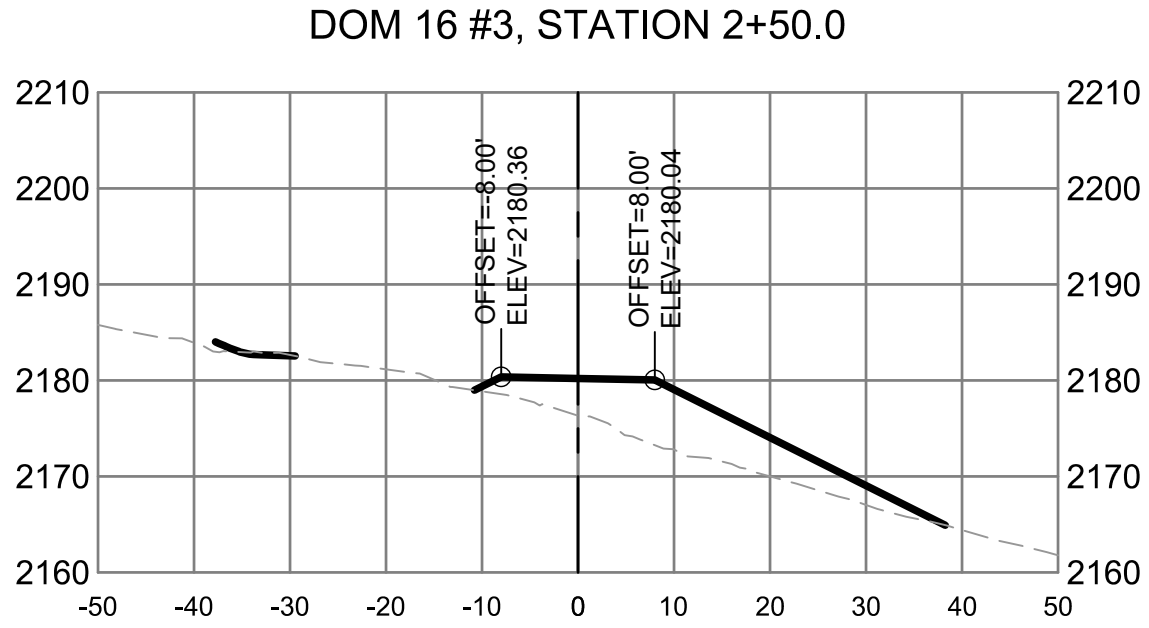
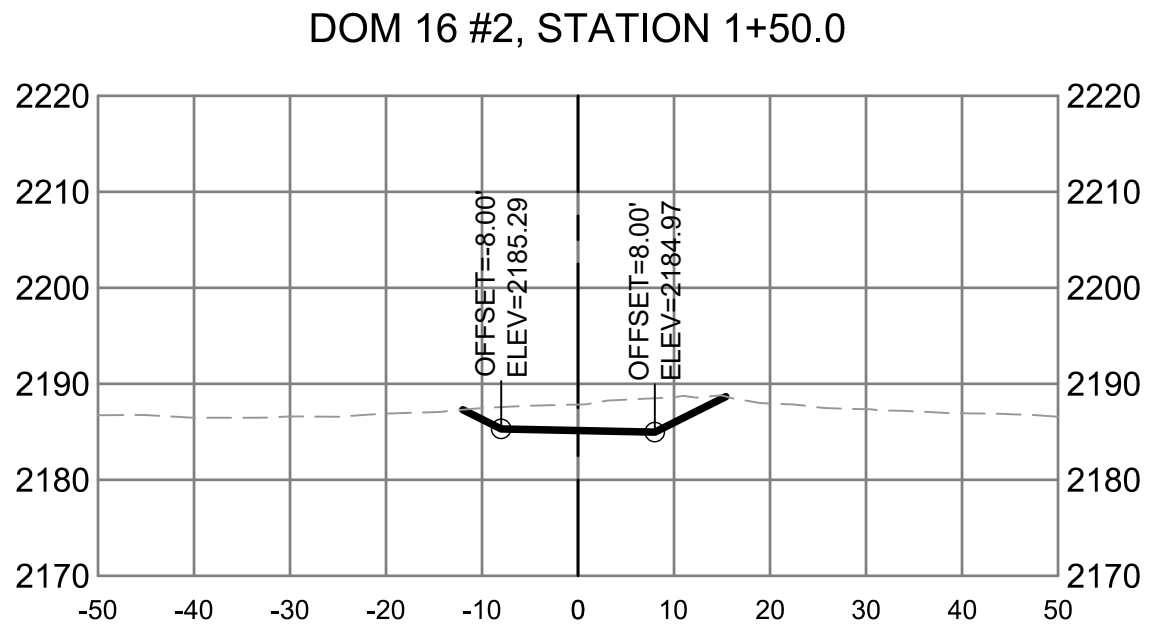
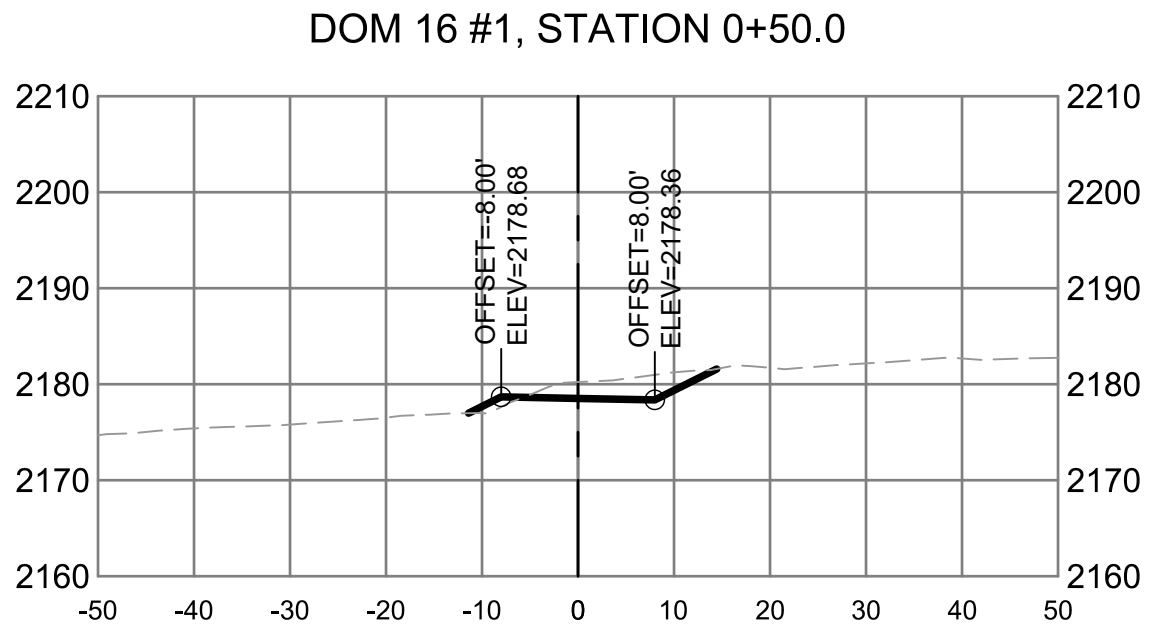
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DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
TITLE	

DOM 16
CROSS SECTIONS

PROJECT NO. 50106442

DOM16-02

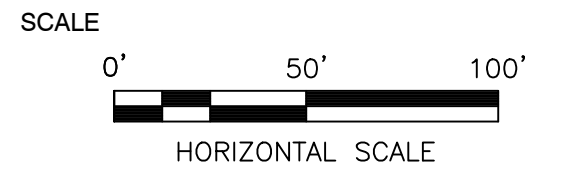
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PROJECT TL 550
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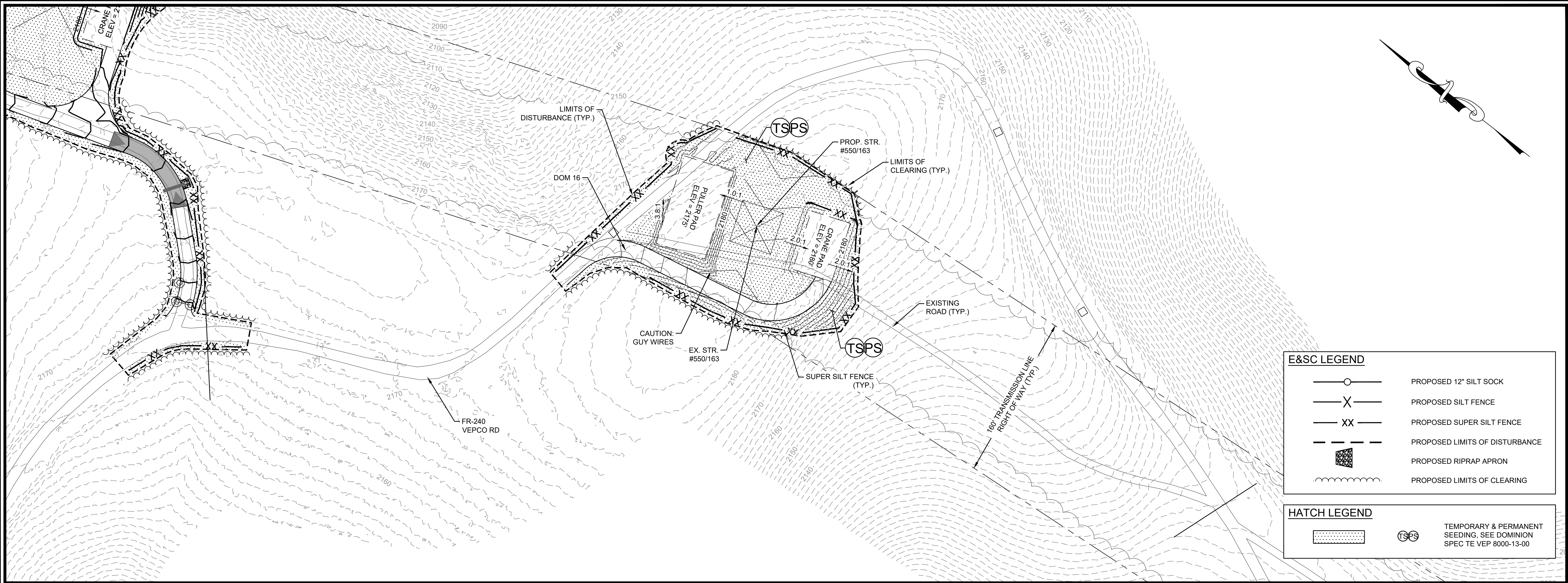
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DRAWN BY	JDE
APPROVED BY	
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DATE	05/21/21
TITLE	

DOM16
ESC PLAN

PROJECT NO. 50106442

DOM16-03

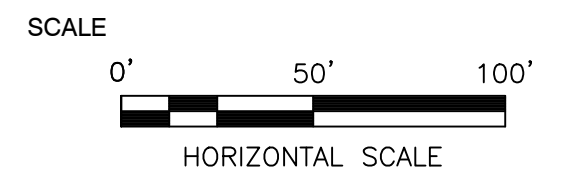
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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
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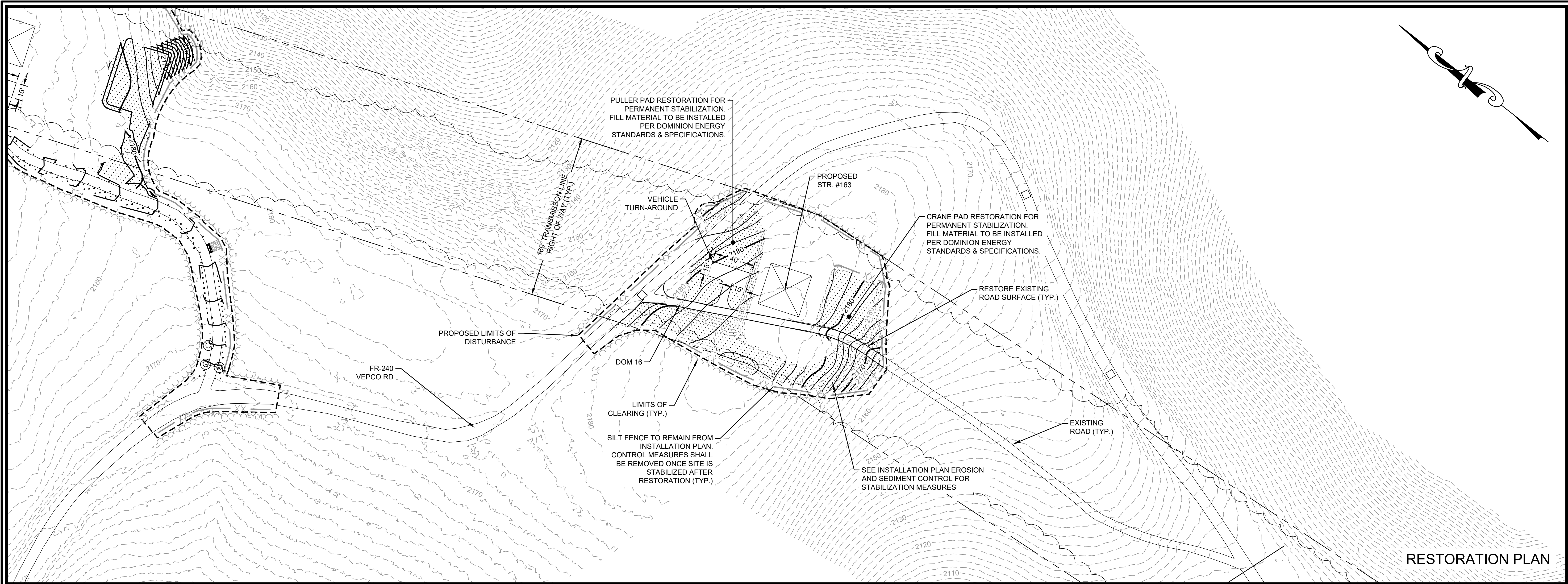
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CHECKED BY	ARB
DATE	05/21/21
TITLE	

DOM 16
RESTORATION
PLAN

PROJECT NO. 50106442

DOM16-R1

SHEET NO.



RESTORATION PLAN

DOM 16 INSTALLATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
DOM 16 IMPROVEMENT	309.7	286.1	23.6 (CUT)
INSTALL PULLER PAD AT STR. #163	1275.6	38.7	1236.9 (CUT)
INSTALL CRANE PAD AT STR. #163	100	218.7	118.7 (FILL)
INSTALLATION TOTALS	1685.3	543.5	1141.8 (CUT)

DOM 16 RESTORATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
DOM 16 IMPROVEMENT	284.2	307	22.8 (FILL)
RESTORE PULLER PAD AT STR. #163	39.3	1272.9	1233.6 (FILL)
RESTORE CRANE PAD AT STR. #163	220.4	98.8	121.6 (CUT)
RESTORATION TOTALS	543.9	1678.7	1134.8 (FILL)

FINAL EARTHWORK BALANCE	
	NET (CY)
DOM 16 INSTALLATION	1141.8 (CUT)
DOM 16 RESTORATION	1134.8 (FILL)
DOM 16 TOTAL	7 (CUT)

EARTHWORK NOTES

- EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
- WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY BE USED.
- OVERALL EARTHWORK BALANCES FOR DOM 16 WILL BE PROVIDED IN SUMMARY TABLE.

RESTORATION PLAN NOTES

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET DOM16-01 FOR "INSTALLATION PLAN".
- FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

E&SC LEGEND

- PROPOSED 12" SILT SOCK
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED RIPRAP APRON
- PROPOSED LIMITS OF CLEARING

HATCH LEGEND

- TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00
- REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA